GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA

UNSTARRED QUESTION NO:4715
ANSWERED ON:25.04.2008
WIND ENERGY
Rao Shri Sambasiva Rayapati

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether there is immense potential for harnessing wind energy in the country;

(b) if so, the details thereof, State-wise; and

(c) the total wind energy being generated in the each State as on date?

Answer

MINISTER OF THE STATE IN THE DEPARTMENT OF COMMERCE, MINISTRY OF COMMERCE & INDUSTRY AND MINISTER OF THE STATE IN THE MINISTRY OF POWER (SHRI JAIRAM RAMESH)

(a)&(b): Gross wind power potential in the country has been estimated at over 45,000 MW, based on the areas having wind power density of 200 Watts per square meter or more and assuming land availability in potential areas @ one percent and land requirement @ 12 hectares per MW.State-wise details of potential is given in Annexure-I.

(c): A total Wind Power capacity of 8748 MW has been installed in the country,till 31st March, 2008. State-wise details are given in Annexure-II.